



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,855	08/22/2003	Bandu Wewalaarachchi	496332000300	8137

25227 7590 02/07/2008
MORRISON & FOERSTER LLP
1650 TYSONS BOULEVARD
SUITE 400
MCLEAN, VA 22102

EXAMINER

ZAIDI, SYED

ART UNIT	PAPER NUMBER
----------	--------------

2616

MAIL DATE	DELIVERY MODE
-----------	---------------

02/07/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/645,855	Applicant(s) WEWALAARACHCHI ET AL.	
	Examiner Syed Zaidi	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 November 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 November 2007 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments filed November 01 2007 have been fully considered but they are moot, with respect to the rejection of claims 1-11. In view of new grounds of rejection been presented in this office action as such may response to applicant's argument is moot.

Claims 1-11 have been amended.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11 are rejected under 35 U.S.C. 102(b) as being anticipated by **Foulkes et al.** (WO 02/30082 A2).

Consider claim 1, Foulkes et al. clearly show and disclose a system for supporting a website comprising: an IP device (30) located on a public network (internet), having a public IP address and known port number (page # 7 line 4 and 5); a second device (IP client 30) located outside the public network (page 6 lines 28-29 and page 7 lines 1-5, figure 4); wherein a connection exists between said second device and said IP device, which connection is initiated by said second device (page 7 lines 14-25, figure # 3 and S1-S3, and it is initiated by client 30).

Consider claim 2, and as applied to claim 1 above, Foulkes et al. clearly show and disclose a system wherein, said first device (IP security server, element 40 figure # 4 is connected by the LAN To the target server # 70) cannot initiate a connection with said second device because said second device is not configured to accept communications initiated by other devices (page 6 lines 30-31 and figure # 4, acknowledges IP client server).

Consider claim 3, and as applied to claim 1 above, Foulkes et al. clearly show and disclose a system wherein, said second device (IP security server 40) is located on a private IP network with a

private IP address (page 5 lines 8-12, page 7 lines 1-2, 11-13 where class A and class B are private IP address in a private LAN network).

Consider claim 4, and as applied to claim 3 above, **Foulkes et al.** clearly show and disclose a system wherein, the communication protocol between said first device (40) and said second device (IP security server 30) is TCP/IP or application level based on TCP/IP (page 9 lines 10-24 where HTTP is application layer protocol of TCP/IP model).

Consider claim 5, and as applied to claim 1 above, **Foulkes et al.** clearly show and disclose a system wherein, the communication between said first device and said second device (IP security server 40) is encrypted (Authentication process, page 7 lines 27-32 and figure 5).

Consider claim 6, and as applied to claim 1 above, **Foulkes et al.** clearly show and disclose a system wherein, said second device (IP client 30) comprises a memory storing information for

publication or private source data (page 11 lines 14-21) (database 60 figure 4).

Consider claim 7, and as applied to claim 1 above, **Foulkes et al.** clearly show and disclose a system further comprising a third device connected to the second device (IP client 30) through a private network (page 11 lines 4-12) (figure 4 and 10), said third device (target server 70 linked to database) specify comprising a (data base # 60 figure 4) memory storing information for publication or private source data (page 4 lines 21-33 and page 5 lines 1-12 and page 11 lines 14-21) (database 60 figure 4).

Consider claim 8, **Foulkes et al.** clearly show and disclose a system for supporting a website comprising an IP device (Network 70) located on a public network, having a public IP address and known port number (page 3 lines 6-26, page 6 lines 28-29 and page 7 lines 4-5)) (figure 2 and 7); a second device (IP client 30) located on a private network having a responder function with a private IP address and port number (page 5 lines 8-12 and page 7 lines 1-3) (figure 4); a device having a memory, storing information for publication or private source data, located on said private

network in communication with second device (IP security server 40) (page 11 lines 4-12) (figure 4 and 10); wherein a single connection exists between said second device (IP security server 40) and said first device (IP client 30), which connection is initiated by second device and wherein first device cannot initiate a connection with said second device by virtue of said second devices (IP security server 40, where initialization start when IP security server 40 acknowledges IP client request) private and dynamic IP address (page 7 lines 1-5, 10-25 where IP address range 192.168.0.0 – 255.255.255.255 are dynamic because DNS lets user know what IP address it has been assigned).

Consider claim 9, Foulkes et al. clearly show and disclose a method for increasing security for sensitive information or source data contained in a memory which is used to respond to inquiries directed to a website by safeguarding the responder function (default response to client, page 3 lines 6-26 and page 11 lines 14-21), comprising: providing on a public network an IP device (30) having a public IP address and known port number (page 6 lines 28-29 and page 7 lines 4-5), said device having an application that

corresponds to the listening function (IP application 32) of a website (page 9 lines 10-17) (figure 2 and 7); providing an application corresponding to the responder function of a website wherein it is isolated from the said IP device (30) (page 9 lines 18-24 and page 12 lines 15-20) (figure 4,7 and 8); responder application registering itself with the listener and subscribing to receive incoming requests by initiating a communication channel to the listener as a communication client (page 9 lines 14-18) (figure 5,6 and 7); listener receiving a request from a remote application, and sending incoming requests only to the registered responders (page 9 lines 19-23) (figure 6 and 7); processing requests by the responder application and returning results to the remote application via listener application (page 9 lines 23-24) (figure 7,8 and 9).

Consider claim 10, Foulkes et al. clearly show and disclose a method for increasing security for sensitive information or source data contained in a memory which is used to respond to inquiries directed to a website by allowing them to be placed in a private network along with the responder function (page 11 lines 14-21 and page 3 lines 6-26); comprising: providing on a public network an IP

device having a public IP address and known port number (page 6 lines 28-29 and page 7 lines 4-5), said device (IP device) having an application that corresponds to the listening function of a website (page 9 lines 10-17) (figure 2 and 7); providing on a private network an IP device (30) having a private IP address (page 7 lines 4-5) (figure 2 where class A and class B are private IP address), said IP device having an application corresponding to the responder function of a website (page 9 lines 10-17); responder application initiating an outgoing TCP connection to the listener as a communication client and register itself to receive incoming requests (page 9 lines 13-14 where HTTP is a TCP/IP model and page 11 lines 4-8); said listener application receiving a request from a remote application, and sending incoming requests to the said responder application (page 10 lines 12-20); processing requests by the responder application by optionally accessing the source data, and returning results to the remote application via listener application (page 10 lines 17-29 and page 11 lines 4-30) (figure 6 and 7).

Consider claim 11, Foulkes et al. clearly show and disclose a method for increasing security for sensitive information which is used to respond to inquiries directed to a website, comprising: providing on a private network an IP device having a dynamic IP address and port number (page 3 lines 6-26, page 7 lines 1-3, 10-25 where IP address range 192.168.0.0 – 255.255.255.255 are dynamic because DNS lets user know what IP address it has been assigned) (figure 2 and 7), said IP device having an application corresponding to the responder function (default response) of a website (page 9 lines 4-24)(figure 7); providing on a public network a second IP device having a public IP address and known port number (page 6 lines 28-29 and page 7 lines 1-5) (figure 4), said device having an application that corresponds to the listening function of a website (page 9 lines 10-17) (figure 4 and 7); causing the responder application in said first device (IP client 30) to establish a connection with said listening application in said second device, said communication including the IP address for said first device and a port number for said responder application (page 7 lines 1-5, 7-15 and page 9 lines 21-24) (figure 4 and 7); receiving

communications at said second IP device (IP security server 40) from other IP devices located on said public network (30) or from devices located on private networks in communication with said public network (page 7 lines 20-26); transmitting requests for application relating to said inquiries from said listening application to said responding application over said connection established- by said responding said application (page 9 lines 10-24); processing said request for information by said responder application and providing a response from said responder application to said listening application over said connection established by said responder application (page 10 lines 31-33) (figure 5); and transmitting from said listening application to said other IP device information relating to said request (page 11 lines 4-12) (figure 6 and 7).

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. **Fangman et al.** (US Patent # 7,068,647 B2) disclose a system and method for routing packets for

IP telephony. **Mousseau et al.** (US Patent # 7,107,341 B2) disclose a system for managing information distribution to a mobile station in communication with a wireless network include a host service operable to receive data item.

Conclusion

THIS ACTION IS MADE FINAL.

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

1. Any response to this Office Action should be **faxed to (571)**

273-8300 or mailed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

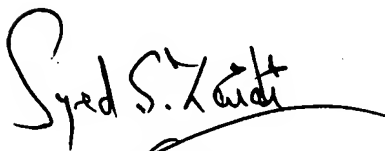
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

2. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Syed S.Zaidi whose telephone number is (571) 270-1779. The examiner can normally be reached on Monday - Friday 8:00-5:00 EST.

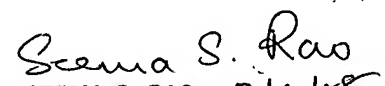
If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Rafael Perez-Gutierrez can be reached on (571) 272-7915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.



Syed S. Zaidi
S.Z./sz
Jan 29 2008.



SEEMA S. RAO 2/4/08
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2000

Application/Control
Number: 10/645,855
Art Unit: 2616

Page 14